

ON TO 2050

Plan Indicators Development

Environment and Natural Resources
Working Committee
October 5, 2017

Project Goals

- **Create a set of indicators to quantify goals and measure implementation progress of ON TO 2050**

Project Progress

- Review existing indicators for modification
- Identify potential new indicators
- Determine methodology for new/modified indicators
- **Committee review of Indicator Refinement Memos**

GO TO 2040 Land Use Indicators

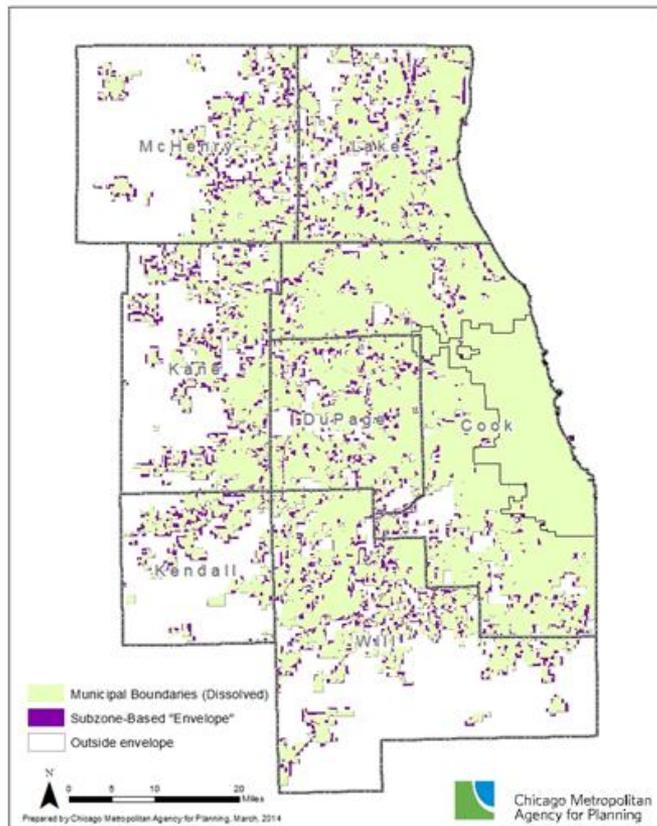
- **Share of New Development Occurring within the existing municipal envelope**
- **Percentage of Income Spent on Housing and Transportation by Moderate- and Low-Income Residents**

Proposed ON TO 2050 Land Use Indicators

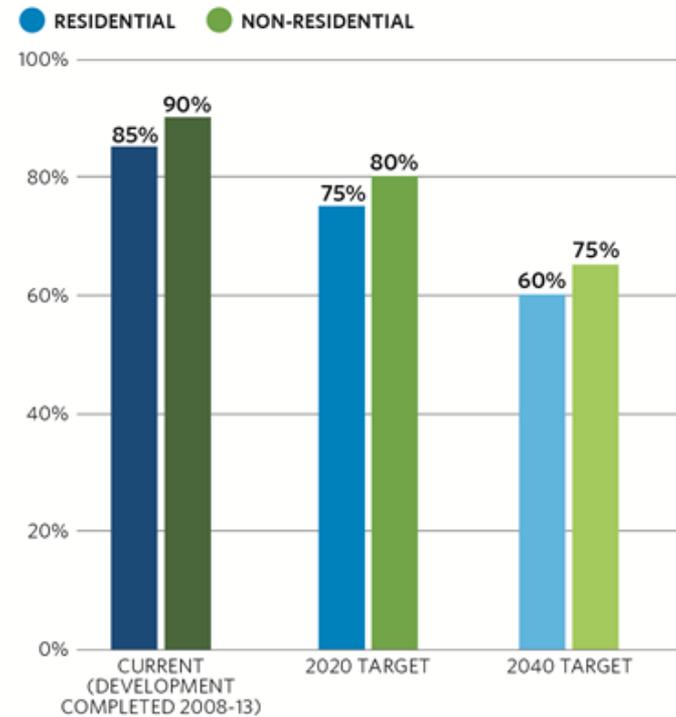
- **Share of New Development Occurring in Highly and Partially Infill Supportive Areas (revised)**
- **Percentage of Income Spent on Housing and Transportation by Moderate- and Low-Income Residents**
- **Population and Jobs with at Least Moderately High Transit Availability (revised)**

Share of new development occurring within the existing municipal envelope

Comparison of Municipal Boundaries and Subzone-Based "Envelope"



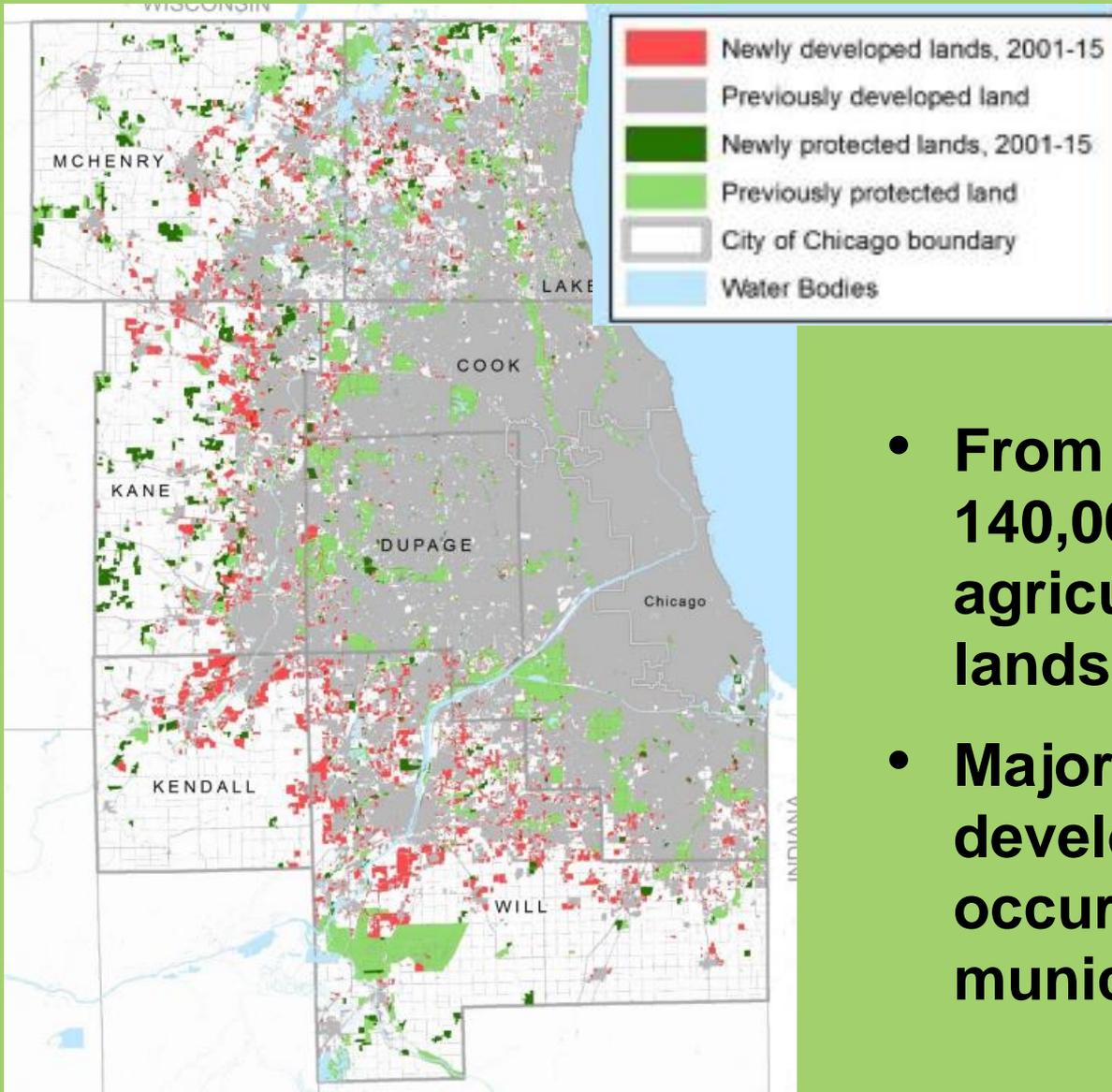
Share of new residential and non-residential units within the existing municipal envelope, 2008-40, with targets



Note: The municipal envelope serves as a reasonable proxy for capturing areas near existing municipal boundaries that may have existing infrastructure in place to support development and will be held constant over the life of the plan, as a way to measure infill development.

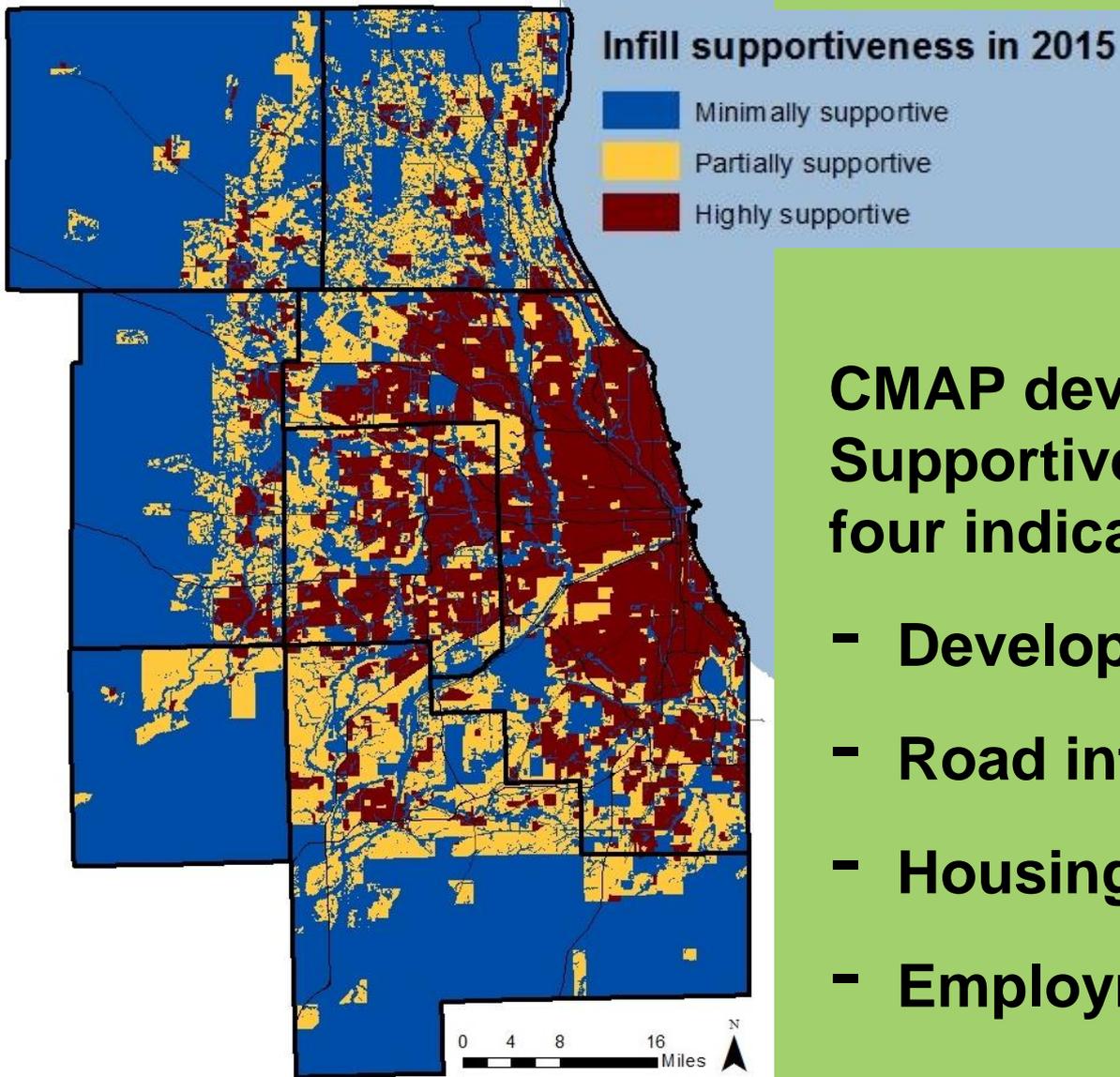
Source: Chicago Metropolitan Agency for Planning analysis.

Understanding of new development characteristics



- From 2001 to 2015, nearly 140,000 acres of agricultural and natural lands were developed.
- Majority of this greenfield development (84%) occurred within the 2010 municipal envelope.

Understanding of new development characteristics

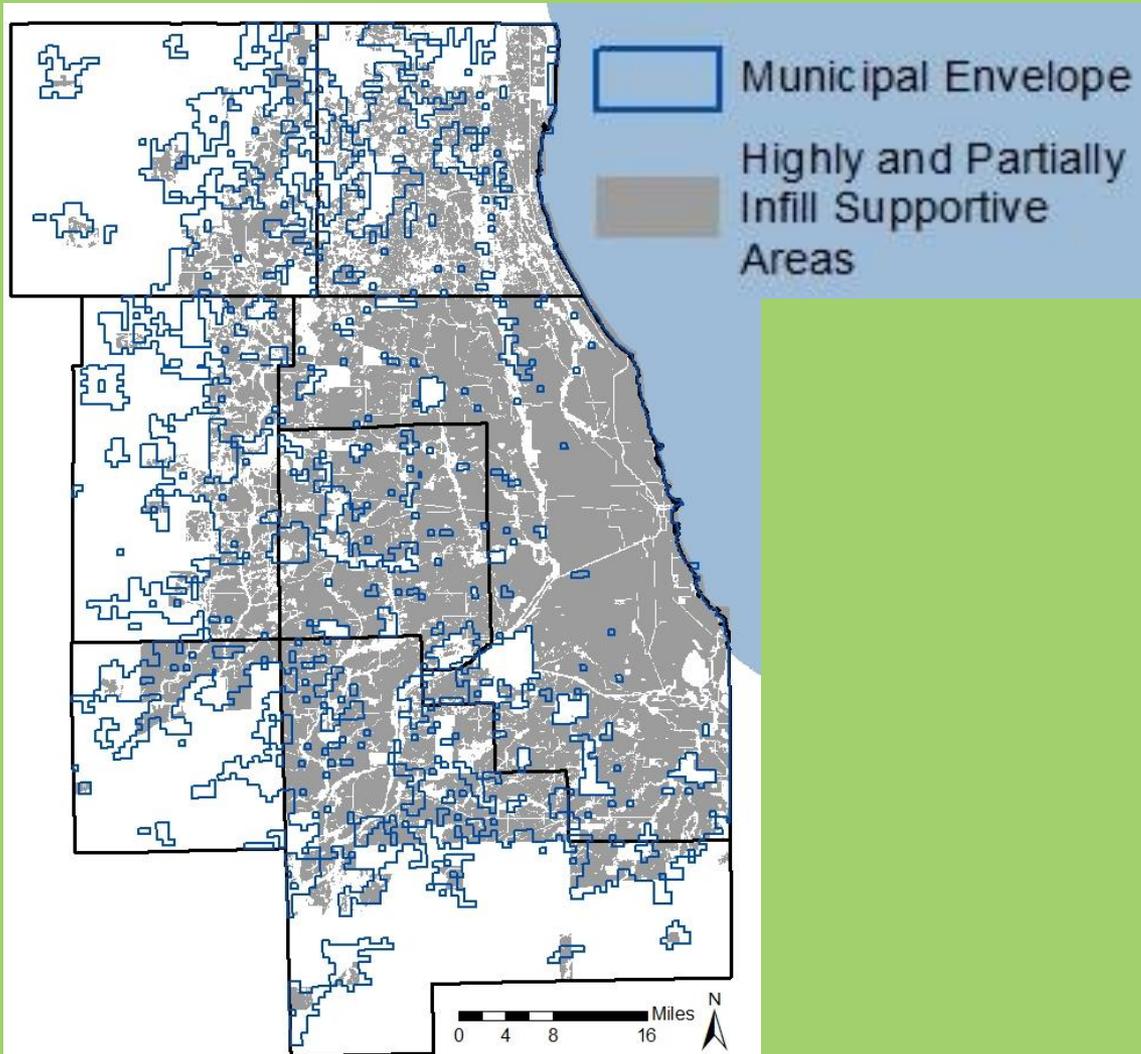


CMAP developed an Infill Supportiveness Index using four indicators:

- Developed area
- Road infrastructure
- Housing density
- Employment density

Proposed ON TO 2050 Indicators

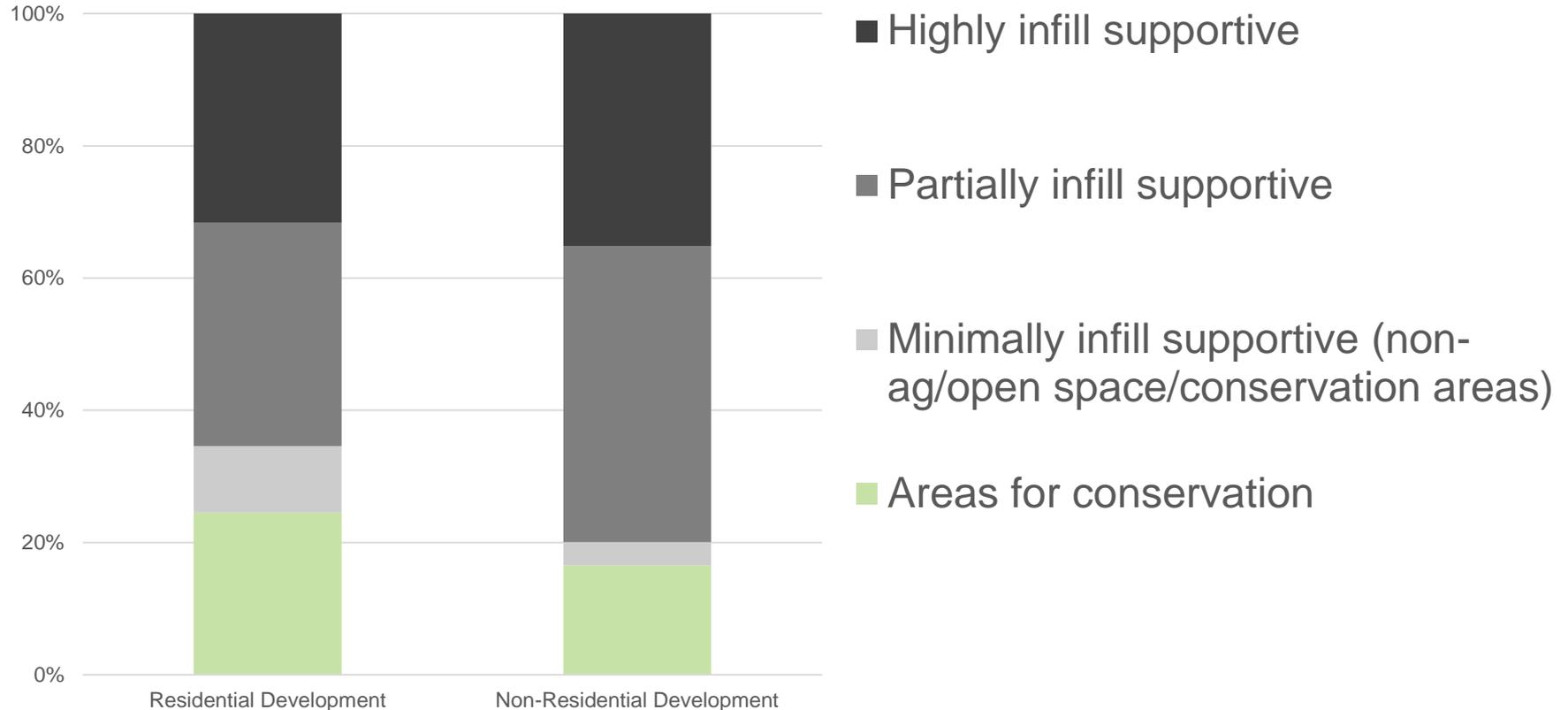
Share of new development occurring in highly and partially infill supportive areas



Proposed ON TO 2050 Indicators

Share of new development occurring in highly and partially infill supportive areas

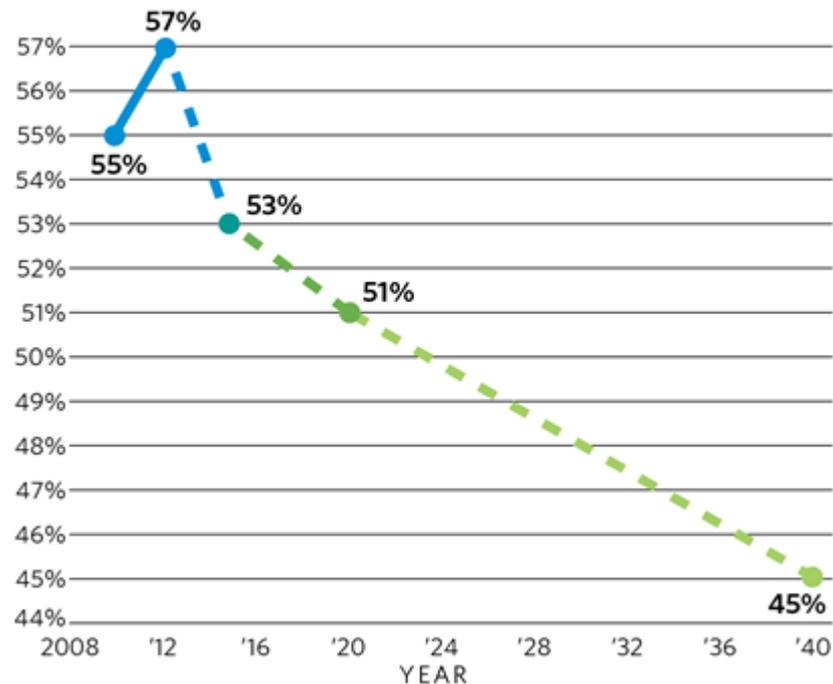
New development by indicator category, 2000-2015



Proposed ON TO 2050 Indicators

Percentage of Income Spent on Housing and Transportation by Moderate- and Low-Income Residents

Percentage of income spent on housing and transportation by moderate- and low-income residents, 2010-40, with targets

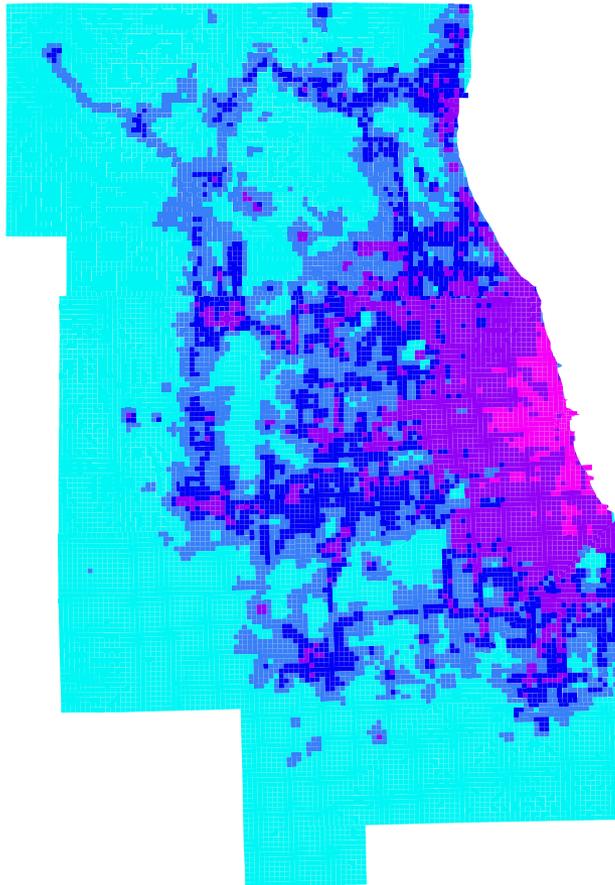


Source: Chicago Metropolitan Agency for Planning analysis of the U.S. Bureau of Labor Statistics Consumer Expenditure Survey.

Update will include all households making less than or equal to 80 percent of area median income.

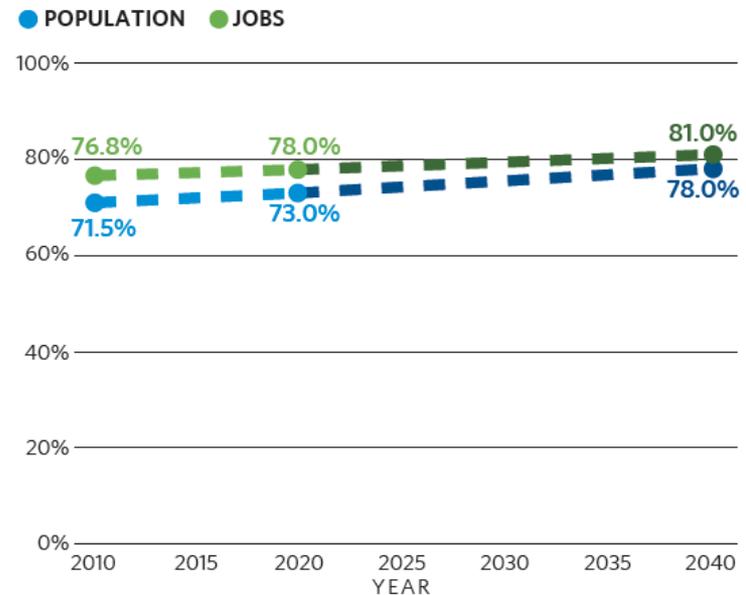
Proposed ON TO 2050 Indicators

Population and Jobs with at Least Moderately High Transit Availability



High Moderately High Moderate Moderately Low Low

Share of population and jobs with at least moderate access to transit, 2010-40, with targets



Source: Chicago Metropolitan Agency for Planning analysis.

Note: The transit access index measure is calculated using four factors:

- (1) weekly frequency of transit service,
- (2) activities that can be reached via a single direct transit route,
- (3) proximity to a transit stop or station measured over the network, and
- (4) the pedestrian friendliness of the surrounding area.

The index scores localized areas and places them in one of five categories, ranging from low to high transit access. Areas with "at least moderate access" fall within the top three index categories.

Next Steps

- **Adjust indicators as needed, based on committee feedback**
- **Calculate baseline values and set preliminary targets for 2025 and 2050**
- **Committee review of targets (late 2017 / early 2018)**
- **Final memo of *all* proposed ON TO 2050 indicators and targets, for final review by all committees (June 2018)**

Thank You

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